



PCT09

ENTERED

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/831,458A

DATE: 07/16/2002  
 TIME: 15:37:48

Input Set : A:\pf0636usn\_seqlist.txt  
 Output Set: N:\CRF3\07162002\I831458A.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 5 TANG, Y. Tom  
 6 CORLEY, Neil C.  
 7 GUEGLER, Karl J.  
 8 YUE, Henry  
 9 BAUGHN, Mariah R.  
 10 LAL, Preeti  
 11 HILLMAN, Jennifer L.  
 12 BANDMAN, Olga  
 13 AZIMZAI, Yalda  
 14 AU-YOUNG, Janice  
 16 <120> TITLE OF INVENTION: HUMAN CELL SURFACE RECEPTOR PROTEINS  
 18 <130> FILE REFERENCE: PF-0636 PCT  
 C--> 20 <140> CURRENT APPLICATION NUMBER: US/09/831,458A  
 C--> 21 <141> CURRENT FILING DATE: 2002-05-16  
 23 <150> PRIOR APPLICATION NUMBER: 09/121,280; unassigned; 09/206,647; unassigned;  
 60/123,404  
 W--> 24 <151> PRIOR FILING DATE: 1998-11-12; 1998-11-12; 1998-12-07; 1998-12-07; 1999-03-08  
 26 <160> NUMBER OF SEQ ID NOS: 26  
 28 <170> SOFTWARE: PERL Program  
 30 <210> SEQ ID NO: 1  
 31 <211> LENGTH: 81  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: Homo sapiens  
 35 <220> FEATURE:  
 36 <221> NAME/KEY: misc\_feature  
 37 <223> OTHER INFORMATION: Incyte ID No: 2355971CD1  
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 41 1 5 10 15  
 42 Cys Gly Pro Leu Leu Ser Ala Arg Thr Arg Ala Arg Arg Pro Gly  
 43 20 25 30  
 44 Glu Arg Cys Thr Gly Met Gly Cys Ala Gly Gly Gly Thr Pro Arg  
 45 35 40 45  
 46 Gly Asp Cys Gly Gly His Cys Cys Asp Phe Ser Ser Pro Leu Pro  
 47 50 55 60  
 48 Gln Phe Pro Pro Lys Ala Lys Leu Ala Phe Gly Leu Arg Ser Gly  
 49 65 70 75  
 50 Val Phe Ser Ser His Val  
 51 80  
 53 <210> SEQ ID NO: 2  
 54 <211> LENGTH: 140  
 55 <212> TYPE: PRT  
 56 <213> ORGANISM: Homo sapiens

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58 <220> FEATURE:
59 <221> NAME/KEY: misc_feature
60 <223> OTHER INFORMATION: Incyte ID No: 2917059CD1
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65 Leu Asp Trp Val Ser Arg Gly Glu Ser Val Gly Leu His Leu Pro
66 20 25 30
67 Thr Leu Ser Val Gln Glu Gly Asp Asn Ser Ile Ile Asn Cys Ala
68 35 40 45
69 Tyr Ser Asn Ser Ala Ser Asp Tyr Phe Ile Trp Tyr Lys Gln Glu
70 50 55 60
71 Ser Gly Lys Gly Pro Gln Phe Ile Ile Asp Ile Arg Ser Asn Met
72 65 70 75
73 Asp Lys Arg Gln Gly Gln Arg Val Thr Val Leu Leu Asn Lys Thr
74 80 85 90
75 Val Lys His Leu Ser Leu Gln Ile Ala Ala Thr Gln Pro Gly Asp
76 95 100 105
77 Ser Ala Val Tyr Phe Cys Ala Glu Asn Thr His Cys Phe Pro Gly
78 110 115 120
79 Ile Cys Asn His His Pro Asn Leu Arg Trp Glu Val Lys Gln His
80 125 130 135
81 Pro Phe Pro Leu Gln
82 140
85 <210> SEQ ID NO: 3
86 <211> LENGTH: 358
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <223> OTHER INFORMATION: Incyte ID No: 538181CD1
94 <400> SEQUENCE: 3
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96 1 5 10 15
97 Gln Met Leu Leu Ala Ala Gly Cys His Ala Ala Ala Ser Phe Glu
98 20 25 30
99 Thr Leu Gln Cys Glu Gly Pro Val Cys Thr Glu Glu Ser Ser Cys
100 35 40 45
101 His Thr Glu Asp Asp Leu Thr Asp Ala Arg Glu Ala Gly Phe Gln
102 50 55 60
103 Val Lys Ala Tyr Thr Phe Ser Glu Pro Phe His Leu Ile Val Ser
104 65 70 75
105 Tyr Asp Trp Leu Ile Leu Gln Gly Pro Ala Lys Pro Val Phe Glu
106 80 85 90
107 Gly Asp Leu Leu Val Leu Arg Cys Gln Ala Trp Gln Asp Trp Pro
108 95 100 105
109 Leu Thr Gln Val Thr Phe Tyr Arg Asp Gly Ser Ala Leu Gly Pro
110 110 115 120
111 Pro Gly Pro Asn Arg Glu Phe Ser Ile Thr Val Val Gln Lys Ala

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112                               125                               130                               135
113 Asp Ser Gly His Tyr His Cys Ser Gly Ile Phe Gln Ser Pro Gly      150
114                               140                               145                               150
115 Pro Gly Ile Pro Glu Thr Ala Ser Val Val Ala Ile Thr Val Gln      165
116                               155                               160                               165
117 Glu Leu Phe Pro Ala Pro Ile Leu Arg Ala Leu Pro Ser Ala Glu      180
118                               170                               175                               180
119 Pro Gln Ala Gly Gly Pro Met Thr Leu Ser Cys Gln Thr Lys Leu      195
120                               185                               190                               195
121 Pro Leu Gln Arg Ser Ala Ala Arg Leu Leu Phe Ser Phe Tyr Lys      210
122                               200                               205                               210
123 Asp Gly Arg Ile Val Gln Ser Arg Gly Leu Ser Ser Glu Phe Gln      225
124                               215                               220                               225
125 Ile Pro Thr Ala Ser Glu Asp His Ser Gly Ser Tyr Trp Cys Glu      240
126                               230                               235                               240
127 Ala Ala Thr Glu Asp Asn Gln Val Trp Lys Gln Ser Pro Gln Leu      255
128                               245                               250                               255
129 Glu Ile Arg Val Gln Gly Ala Ser Ser Ser Ala Ala Pro Pro Thr      270
130                               260                               265                               270
131 Leu Asn Pro Ala Pro Gln Lys Ser Ala Ala Pro Gly Thr Ala Pro      285
132                               275                               280                               285
133 Glu Glu Ala Pro Gly Pro Leu Pro Pro Pro Pro Thr Pro Ser Ser      300
134                               290                               295                               300
135 Glu Asp Pro Gly Phe Ser Ser Pro Leu Gly Met Pro Asp Pro His      315
136                               305                               310                               315
137 Leu Tyr His Gln Met Gly Leu Leu Leu Lys His Met Gln Asp Val      330
138                               320                               325                               330
139 Arg Val Leu Leu Gly His Leu Leu Met Glu Leu Arg Glu Leu Ser      345
140                               335                               340                               345
141 Gly His Arg Lys Pro Gly Thr Thr Lys Ala Thr Ala Glu      355
142                               350                               355
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145 <211> LENGTH: 201
146 <212> TYPE: PRT
147 <213> ORGANISM: Homo sapiens
150 <220> FEATURE:
151 <221> NAME/KEY: misc_feature
152 <223> OTHER INFORMATION: Incyte ID No: 1368760CD1
154 <400> SEQUENCE: 4
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156 1                               5                               10                               15
157 Phe Phe Leu Val Leu Gly Leu Leu Gly His Ser His Gly Gly Phe      30
158                               20                               25                               30
159 Pro Asn Thr Ile Ser Ile Gly Gly Leu Phe Met Arg Asn Thr Val      45
160                               35                               40                               45
161 Gln Glu His Ser Ala Phe Arg Phe Ala Val Gln Leu Tyr Asn Thr      60
162                               50                               55                               60
163 Asn Gln Asn Thr Thr Glu Lys Pro Phe His Leu Asn Tyr His Val      75
164                               65                               70

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165 Asp Leu Leu Asp Ser Ser Asn Ser Phe Ser Val Thr Asn Ala Phe
166      80      85
167 Cys Ser Gln Phe Ser Arg Gly Val Tyr Ala Ile Phe Gly Phe Tyr
168      95      100
169 Asp Gln Met Ser Met Asn Thr Leu Thr Ser Phe Cys Gly Ala Leu
170      110      115
171 His Thr Ser Phe Val Thr Pro Ser Phe Pro Thr Asp Ala Asp Val
172      125      130
173 Gln Phe Val Ile Gln Met Arg Pro Ala Leu Lys Gly Ala Ile Leu
174      140      145
175 Ser Leu Leu Gly His Tyr Lys Trp Glu Lys Phe Val Tyr Leu Tyr
176      155      160
177 Asp Thr Glu Arg Gly Lys Lys Arg His Leu Leu Cys Ser Leu Asp
178      170      175
179 Ile His Val Ile Val Phe Lys Leu Pro Gln Leu Met Cys Pro Leu
180      185      190
181 Leu Pro Ile Asn Lys Ile
182      200
184 <210> SEQ ID NO: 5
185 <211> LENGTH: 117
186 <212> TYPE: PRT
187 <213> ORGANISM: Homo sapiens
189 <220> FEATURE:
190 <221> NAME/KEY: misc_feature
191 <223> OTHER INFORMATION: Incyte ID No: 1670669CD1
193 <400> SEQUENCE: 5
194 Met Asp His Leu Gly Ala Ser Leu Trp Pro Gln Val Gly Ser Leu
195      1      5      10
196 Cys Leu Leu Leu Ala Gly Ala Ala Trp Ala Pro Pro Pro Asn Leu
197      20      25
198 Pro Asp Pro Lys Phe Glu Ser Lys Ala Ala Leu Leu Ala Ala Arg
199      35      40
200 Gly Pro Glu Glu Leu Leu Cys Phe Thr Glu Arg Val Gly Gly Leu
201      50      55
202 Gly Met Ser His Gly Lys Leu Cys Arg Leu His Gln Ala Pro Thr
203      65      70
204 Ala Arg Gly Gly Gly Ala Leu Leu Val Cys Ala Ala Tyr Arg Arg
205      80      85
206 His Val Glu Leu Arg Ala Pro Arg Val Gly Arg His Ser Ser Leu
207      95      100
208 Arg Arg Ser Ala Ile Ser Pro Cys His Pro His Gln
209      110      115
212 <210> SEQ ID NO: 6
213 <211> LENGTH: 455
214 <212> TYPE: PRT
215 <213> ORGANISM: Homo sapiens
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <223> OTHER INFORMATION: Incyte ID No: 2851578CD1

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221 <400> SEQUENCE: 6
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223 1 5 10
224 Glu His Arg Val Phe Leu Ser Gly Cys Glu Asn Ala Asp Glu Asn 30
225 20 25
226 Pro Arg Met Leu Cys His Arg Gly Gly Gln Leu Ile Val Pro Ile 45
227 35 40
228 Ile Pro Leu Cys Pro Glu His Ser Cys Arg Gly Arg Arg Leu Gln 60
229 50 55
230 Asn Leu Leu Ser Gly Pro Trp Pro Lys Gln Pro Met Glu Leu His 75
231 65 70
232 Asn Leu Ser Ser Pro Ser Pro Ser Leu Ser Ser Ser Val Leu Pro 90
233 80 85
234 Pro Ser Phe Ser Pro Ser Pro Ser Ser Ala Pro Ser Ala Phe Thr 105
235 95 100
236 Thr Val Gly Gly Ser Ser Gly Gly Pro Cys His Pro Thr Ser Ser 120
237 110 115
238 Ser Leu Val Ser Ala Phe Leu Ala Pro Ile Leu Ala Leu Glu Phe 135
239 125 130
240 Val Leu Gly Leu Val Gly Asn Ser Leu Ala Leu Phe Ile Phe Cys 150
241 140 145
242 Ile His Thr Arg Pro Trp Thr Ser Asn Thr Val Phe Leu Val Ser 165
243 155 160
244 Leu Val Ala Ala Asp Phe Leu Leu Ile Ser Asn Leu Pro Leu Arg 180
245 170 175
246 Val Asp Tyr Tyr Leu Leu His Glu Thr Trp Arg Phe Gly Ala Ala 195
247 185 190
248 Ala Cys Lys Val Asn Leu Phe Met Leu Ser Thr Asn Arg Thr Ala 210
249 200 205
250 Ser Val Val Phe Leu Thr Ala Ile Ala Leu Asn Arg Tyr Leu Lys 225
251 215 220
252 Val Val Gln Pro His His Val Leu Ser Arg Ala Ser Val Gly Ala 240
253 230 235
254 Ala Ala Arg Val Ala Gly Gly Leu Trp Val Gly Ile Leu Leu Leu 255
255 245 250
256 Asn Gly His Leu Leu Leu Ser Thr Phe Ser Gly Pro Ser Cys Leu 270
257 260 265
258 Ser Tyr Arg Val Gly Thr Lys Pro Ser Ala Ser Leu Arg Trp His 285
259 275 280
260 Gln Ala Leu Tyr Leu Leu Glu Phe Phe Leu Pro Leu Ala Leu Ile 300
261 290 295
262 Leu Phe Ala Ile Val Ser Ile Gly Leu Thr Ile Arg Asn Arg Gly 315
263 305 310
264 Leu Gly Gly Gln Ala Gly Pro Gln Arg Ala Met Arg Val Leu Ala 330
265 320 325
266 Met Val Val Ala Val Tyr Thr Ile Cys Phe Leu Pro Ser Ile Ile 345
267 335 340
268 Phe Gly Met Ala Ser Met Val Ala Phe Trp Leu Ser Ala Cys Arg 360
269 350 355

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## VERIFICATION SUMMARY

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TIME: 15:37:49Input Set : A:\pf0636usn\_seqlist.txt  
Output Set: N:\CRF3\07162002\I831458A.raw

L:20 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:24 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD